TESTIRANJE DIMENZIJE BUBREGA KOD HUMANOG FETUSA ZA VREME FETALNOG PERIODA

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Razvoj ljudskog fetusa, pa i bubrega prolaze kroz niz kontinuiranih i uzajamno zavisnih anatomskih promena, tokom kojih bubrezi dobijaju morfolosku i funkcionalnu zrelost.Ova studija je sprovedena u cilju da se analiziraju anatomske promene dimenzije bubrega tokom fetalnog razvoja od III do X lunamog meseca. Bubrezne dimenzije (duzina i sirina) bili su mereni Vemier-ovim caliperom. Serijska merenja oba bubrega su vrsena kod 300 fetusa oba pola (154 muski pol i 146 zenski pol). Analiza srednjih vrednosti pokazala je statisticki znacajne razlike bubreznih dimenzija u odnosu na lunami mesec. **Kljucne reci:** fetus, bubrezne dimenzije, fetalni rast i razvoj

TESTING OF HUMAN KIDNEY DIMESNIONS DURING FETAL PERIOD

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Development of the human fetal kidneys goes through a series of continual and mutually dependent anatomical changes during which the kidneys obratin their morphological and functional maturity. This study was undertaken in order to analyze the anatomical changes of the kidneys dimensions during their fetal development (from the Illrd to the Xth lunar month).Kidney dimensions (length and width) where measured with Vemier-ov caliper.
Serial measurements of the both kidneys were performed in 300 fetuses from both sexes (154 males and 146 females). The analysis of the mean values of kidney dimensions in the examined series of fetuses has shown statistically significant differences in relation to the lunar month, presenting in the period of the Illrd to the Xth month
Key **words:** fetus, kidney dimensions, fetal growth and development.